

Mouse FMS Like Tyrosine Kinase 3 Ligand (Flt3L) ELISA Kit | Flt3L elisa kit

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CATALOG #
AAA182563

REACTIVITY
Mouse

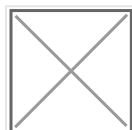
PRODUCT SYNONYMS

FMS Like Tyrosine Kinase 3 Ligand (Flt3L); Mouse FMS Like Tyrosine Kinase 3 Ligand (Flt3L) ELISA Kit; FLT3LG; FLT3-LG; Flt3-L; FL; Fms-Related Tyrosine Kinase 3 ligand; SL cytokine; Flt3L elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of FMS Like Tyrosine Kinase 3 Ligand (Flt3L). No significant cross-reactivity or interference between FMS Like Tyrosine Kinase 3 Ligand (Flt3L) and analogues was observed.
Sequence Length	292
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma and Other Biological Fluids
Detection Range	0.78-50pg/mL
Sensitivity	< 0.33pg/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level FMS Like Tyrosine Kinase 3 Ligand (Flt3L) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level FMS Like Tyrosine Kinase 3 Ligand (Flt3L) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Flt3L elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to FMS Like Tyrosine Kinase 3 Ligand (Flt3L). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to FMS Like Tyrosine Kinase 3 Ligand (Flt3L). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain FMS Like Tyrosine Kinase 3 Ligand (Flt3L), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of FMS Like Tyrosine Kinase 3 Ligand (Flt3L) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	30794350
NCBI GeneID	282233
NCBI Accession #	NP_851373.1
NCBI GenBank Nucleotide #	NM_181030.2
NCBI Official Full Name	fms-related tyrosine kinase 3 ligand
NCBI Official Synonym Full Names	fms related tyrosine kinase 3 ligand
NCBI Official Symbol	FLT3LG
NCBI Protein Information	fms-related tyrosine kinase 3 ligand

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/fms-like-tyrosine-kinase-3-ligand-flt3l/182563>